





MAC SLAPPERS Gleadow claims STs will beat Apple P17



BUDGET BUSTERS Prices are all set to

rise. But why? P6



BASERAILI RBI2: a home run or strike out? P50 SECRET PCWs!



EXCLUSIVE!

- We reveal details of: Two new machines
- Launch dates . The future of the 8000s - page 5

Commodore chief admits: "We cocked it up... "





CDTV: you've read the hype now see the reality. Read the Express field test - pages 55 & 56



What a twisty turny thing the world is and here at Frontend we show you just how weird things can get if they really try

HOME HELPING CHIPS MAKE DOMESTIC BLISS

Since the 1950's when cleaner, the dream of the

Cub Reporters



GET THE MOST OUT OF YOUR AMIGA

If you've got an Amiga or you're thinking of buying one - don't miss next week's New Computer Express, or you'll miss out on a 24 page colour supplement covering everything you need to know about the Amiga



AND THE CLOCK STRUCK THIRTEEN

Acorn gets Whitbread best

. Can British arbiervalike Fetima Whitbrood

COMMS and hardware - it's all up for grabs, FREE! I

super-quick, RISC (reduced instruction set correction)

BIG BRUCE IS WATCHING

Household chips . Arc gets sporty .

ontendFrontendFrontend

Far Eastern robots slip floppy disks



Pri . CEL

The BR black box

SPESS KEET IS CONTEMP FOR THE STREET OF THE MAKE THE STREET WAS ASSESSED TO THE MAKE THE PROJECT OF THE STREET OF

ATP is being out through its paces on two of BR's commercial lines.

The black box angle of ATP keeps a record of all data received in

. What is the similarity between a PR loca

We won't ris up the ISM company in a bad economic IBM's chief executive officer, John Akers explaining

· BR black box

CONTENTS

COVER FEATURE

EVERY WEEK

Power savers

Mensa for Amiga users

Gressman uper's broup with a difference with a very high IQ. Not sur-

C64GS IS A DISASTER!

"I'm sorry, we cocked it up in the UK". So says Com-modore's (UK) manaping Independent On Sunday.

* Store Fronklin, monoping director of Cammadore away up to some skele The 25,000 064 Home

Parkaging British America Ale

Open all ours

Audiopenic has signed the

Pocket full of tricks

FRANKLIN REPLIES

Speaking about the interview, Franklin told Express ('Most people (who I talked about three, it did not do as any harm, in fact I think that some In terms of the Commodorn's plans for the C64 and canade, he was

Reds get under the text

Russian grammar and Informatic, of the USSR, and It's the Monster mash The Manuter Stereo Samples

Speedy Amiga hard drives

ASSOCIATION of the second man and a second man a second

drivers. He the ASSS and many of in support of the ASSS control of the support of the ASSS control of the them make the dissysteming of SCS periphensis, such as other had a driver or tage back up units. After For gomes players, a switch is a on the other foots games softaction of the ASSS control of the SCSS control of SCSS control o

You'll just lap this one up!

laptop PCs. It is also cutting the price of the existing models.

The new machines will be on sale as you read it in the following configurations: ALT-266 with 4056s hard drive at a price of £1,878.82. The ALT-2665X of

20th of RAM and an SOMb hard disk which costs £2,348.82. Price cats for the older versions are as follows: the 40Mb hard drive 2065X falls from £2,348.82 to

Express exclusive - Amstrad's new launches expected in September

THE PCW IS REBORN

the 9512 Plus and the 9256 it is als to kill of the 8000 range is machines, the 8256 and 8511

nachines, the 8256 and 851 Express can exclusively reveal. 3.5-INCH DRIVES

Although less ofestalls are available as yet, a spokesman for Aristrad's gublic relations company, Michael Jopic Associates told Europes. The new machiness are the 9512. Plus and the 9256. The main changes to the range will be that the 3 into thisses will be drived on finger of

inted by Closes. There will also be a new styling".

While final release dates for the natchines have not been confirmed, it is expected that the Business Computing

ONE ALREADY SIGHTED

It is known the machines are well past to development stages, and are already production awaling final shipment early 1992. One development machine in already been seen in the UK. expected. The 3-inch floppy of the older PCBs, and also in lastrad OPC and Spectrum rules in short supply for well or Eastern manufacturers to duction lines over to the 3, no which are commonly us

CP/M RETAINED

at people in the industry as are ten retained albeit in its latest his version is able to support in will floopies, and hand drives.

not, as yet, been confirmed.

Bundled software, according to to spokesman: "... will be LoodScript while will be loaded from disk".

YES, WE HAVE NO COMMENT.

Locarnetive Sethward's technical in Richard Clayton, offened a strong commercial of the possibility Locarnetive Mandred collaboration from machines. Te Amstrad was been machines, and we were worked to the commercial of the comme

Detailed: the new PCWs

Although both Americal and its press and public relations company were reticent all commenting definitively on the exact specifications of the new PCVIs, we have been

track down the basic details which are as follows:

Two new machines - the 9512 Plus and the 5256

Both machiles will have space for sw 2001.35-bit drives produced by Citizes.
 The 9912 Plas will come with a parallel, "Centrodic Instruce to take a dappehed printer.
 The 9526-81 bitwa a custom interacts to take as any extremed "captive printer".
 Both machines with poper-white screeze.
 Both machines with option 2004 bit screeze.
 Both machines with option 2004 bit screeze.

configured to a new version which might mean that programs such as Mail Office Professional will not not in its present state.

Will not not in its present state.

The semice of the CP/81 operating system adopted for the new PCWs supports both the 3.5 and 5.25-inch other configuration and hard drives.

m we would not be able to comto explained.

It'S GOODBYE TO THE 8000S
So what is there in terms of the future,
posterous if in Michael Joyce
Sick of it, for the 2256 and 8310.

From PCW to PC and back again

Not only has the news broken that two new PCWs are on the way, both with 3,5-lexh drives, but co-incidentally, it has been announced that Loosmothe has upgraded its Local-link software.

files between their respective machines. In the case of LocoScrip and LocoScript PC files the means that you can retain the The new bundle comes we lisk management software a cable which fits into the PCV spansion slot and the PCV inter-port.

When both machines a onnected via the cable ca-

connected via the cable eac can see the other as a disk chir and thus transfer the data. Price is £29.95, or £14.9 for an upgrade. Locolnotive Software is o chaot Zanoon.



It's cool for DATs

It just won't lay down and dief Sony's Digital Audio Tape (DAT) has found a new incarnation in the form of OOS (Digital Data Storage). DCS cartridges sow come in two formats: 2 gipphyses worth of dids storage on 90 metros of laps, or 1.502n worth on 60 metres. The cards

3 August 1991 • New Computer Express • 5

NIBBLES Offenders named in Parliament

Scan with your Arc

New Arche ranges

Mirrosoft hooks

Mac-in-DOS

A new version of Mac-in-005

A million in 3D



Novell repels takeover bid by joining Digital Research MERGER A FOR PC MARKET

The PC market is going merger mad. This week's involves Novell and Digital

Research (DR).



Wanted: Sam Coupé demos

wises in a Sam-calated challenge

The card is suitable for AMb or 16Mb per second Token Ring.

Games houses and distributors blame each other

8-BIT SOFTWARE PRICES TO RISE

Owners of S.hit markings beware, the minimum price for budget games is set to









Just say no?

Animated antics

JCL has released AniMate that lets users dabble in the

Rhapsody II in blue Objects to open Windows

know that Rhapsody II, the latest version of the Rhapsody

Deus ex

Amiga owners looking for enlighterment can new turn to Neuralink's Context Bible. which has recently been reduced in price.



professions on Advanced Sacy object artening

3 August 1991 . New Computer Express . 3

You can ring my bell...

The Co-Access voice mail Technologies is unlike any existence. It is designed to handle a large number of



TOMORROW'S Time for the transputer? **CUTTING EDGE**

Technology is forever moving ahead in leaps and bounds. How can we keep up with it all? Easy - read this page

Disk-cover the world

guides on a disk, for the PC.

ex California Toronal

Many large US computer companies, including Cray, produce such a machine

Who's a pretty polychrome?

monitor screen to paper has long been a



8 . New Computer Express . 3 August 1991

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typing it in?



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SHOPPING

EXPRESS MAIL

This week, Haydn Fitz-Williams prints your points to CDTV challenge to CDT Laborators.

Inis week, Hayder Pitz-Williams prints your points on the CDTV challenge to CDV, lakes your tipp on a new program for the ST and a Cyber/virtual reality magazin venture and listens to advice on console costs. Plus your chance to put a question to top industry figures!

Format fight

In response to your response to Adam Wright's letter in Express 158 not cely in the David v Gallath debate a parallel, but also the forthcoming CDV v CDT* war' could well be paralleled by the Belamax verses VHS battle. Everyone agreed that Entermax was hatter which people.

Even though COTY is limited by the Ansigs structure there are signs that COT may be about ET90 companed to the COTY's expected price to got around E669, which means that many people will go for the cheaper reachine. The other big point in its francur is that COTY will very probably appear in restal above, see some facility.

I was amazed to read that Se Tramlel thinks Atari can (sed I quote) 'blow the Amiga away', or Abiri would have difficulty ring a piece of paper away lid be very much interested ing Sem Tramiel substants so claims.

For those of you cut there has don't have the fact to read testing Format, I will inform you had it rain a servey. When the naders were asked "Nould you ke to upgrade your Amiga system or m. COT's software?", over 00,000 people said "yes", which continues the said was to the continues of the co

could will read over 180,000 potential COTV buyers.
Readers should also note that Commodore is working an a COTV drive for the Amiga (a CD can hold SOMb compared to a SBIX dials).
By cost is - no offence, but

of sort of a name is Hidge Fitzllams? It sounds like a name a of would have and the chance of Express Mail man being a lord linguise is 6 per cent. P Young, Dercychine WHAT A PITY that such a balanced informative latter is spoiled by the third disputed star on a fine name and lineage. The rance is Welfelt-field, the man is protto-Garmanic and had you must be protto-Garmanic and had you pressed the appropriate journals you would see that the Fitz-Milliams fine does in fact have the roots firmly day in the altern and of over 40 generations on the altern and of over 40 generations.

one in fact have to roots firmly dug in the sharp end of over 40 generations involves, inventors and champions, we advancement of science. Who was quietly constructive in selling the Luddite rebellant? It sum as in some size from Deplyships of to more Young in some EVM.

Cyberman

Many months ago, I noticed in your fine magazine the name and address of a company producing a magazine couled the Cyber Trees. Sounds right up my street! thought, so I sent them the CIS con year subscription fee and within a cought of weeks required.

the first issue.
Since that time I have heat nothing despite writing this let (the last one demanding my m back immediately). What has happened to them? Maybe you one of your maders know.

Since that time I have decided to get involved in starting my own CyberWirtual Reality magazine. As far as I know there is no other such publication in existence in be connected). So, for readers or there who did like to know more, drop me a line and I'll seed son more details. And we'll not be

> OK, that's it for new. Thanks or making Thursday mornings so njoyable! Over and out!

WE DON'T KNOW where the Cycer Trees cover is, but we're looking into it. Before we cast our million plus annual readers to the same late that you've suffered in the hands of Cyber Times, we want to see covergies of what you have on office. It it makes the grade, we'll poss convex address to an enables if it is in-

ST star program

I recently received my copy of The Chameleon a program written by a young German and in my opinion this is the best and most vital get

written for the ST.

What it does is to load itself as a deek accessory (DA) and you can then call up any DA at any time through the file selector. So in effect you could have a separate click with 100 DA's and call any

the person who has an ST with the basic memory, no more wanty ow the six OA limit and how much memory is easen up when they are resident. This is definitely be only desk accessory you'll now your

This life could have made a if money with this geen, but it ca e yours for free by sending a lank clisk and two International tiply coupons (necessary for

oversees), this is important.
You must let the regular readers know about this immediately.
S Carregie, Clising

readers who have chanced on this is will be able to join the regulars in applicating this fine protegó.

of PD librarios so that they o and thoroughly test it for buy range compatibility before in

Cover story catches someone's eye

Amstard GX6000, caught my ey papped slong to the nearest has Excess hoping to pick up a CX4 figuring that CX5 was a resourced pictor, recent if all I ever did was p Barain' Rabber on it. Alias, no joy at Discres. A small vital tact the article failed to near

Disons slashed the prices of the consoles to £29.95 and at that p had sold out of both consoles a cartridges weeks ago!

Name of the Disons' branches

Edinburgh had any in stock, nor of they order me one. One of the ste manager's phoned the head office check whether any of the other str For an item of such miniscule value and non-resistant prefit mangin, Discowines' prepared to send one down to the Edinburgh store. Geing to Abendeen to pick one up would cost half as much again as the consolar So thanks for the interesting layer.

half as much again as the consol-So thanks for the interesting its but next time - please try and give the full story. In the measthine, if areyone known where I can actual obtain a GX4000, they could migh its contact me vis your pages. New Richardson, Esthologie New Richardson, Esthologie

SO NEXT TIME we run a story based on truth, we must ring every store in the

slash the GX4000 and it did note as here is a property of the America console; the America console; to Would you repect us to run sew editions of the mappine with an upon it of how many GX4000s Disons had

in Kirialdy" and we pird that?

In the ensuing few days twist
thick and pint, the citizens of kirial
may realise what bargain is close to
hand and buy them up, when you co
marching over the Forth Bridge with

ON THE COUCH



_ under my most complete control..."

Mine's Better than Yours! I was happily playing 30 Monster Mace on my 2001 when a

I retrieved my ZX31 from a compost heap and plugged it in.



- the trenty Amies or

Neighbours...

I was gobsmacked watching Neighbours on 19 July 1991 when new malling program. After site installed it, the screen showed Ultimate ST Ripper, Virusa etc., It. the files", probably no wonder

when the click is full of 57 Aligners! the displey was shrank and then

Ask a question and win a fiver!

expert", exclaimed Paul. _____

Searcher program, "Sorry", he AS YOU probably know, we get our any new programs, I don't know can you fix it?", "Well", the expert said. "Nest Honday", Probably if

Well, I suppose it follows, If acting on a soap, you may as well

disk containing Xenon II and realise that his Amiga has been invaded by Allens?

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NEWWAVE TOOLBOOK

HAMMY SHAREWARE FOR SATELLITE SPOTTING The final part of the HAM Radio listing azimuth and elevation charts. It can also satellites. Version 2.1 can track up to eight satellites simultaneously, and in 3.0 to hour

grossechrosous communications satellites

PENDOS FOR NOTEBOOKS

FOXPRO 2.0 ARRIVES

GRAB A WINDOW

BORLAND TAKES OVER Well Borland actually did it as reported

Continued on next page >



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4 EOR 63

First up there's BMX Simulator 2, a

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DON'T DO AS I DO.... Here's a story with a moral. Di time there was an eddor who i

time time away an editor who kines that time there away an editor who kines that time that thing he would nell people to do was fadle well heads while they were connected to computers and perspherals. But his oddor thought he ince better. He thought it wouldn't matter if he finded with the lead connecting his 464 with the Distant 1200. And what hoppened Gayes, I believe the dare firing up. The Chicken, that

ROOM ON THE ROM? Adam Walker of Aberdane has a

interesting question about it ICBs:

T are Tasword, CP,9M and the Mori
Office database frequently and I was
wondering it it would be possible to
transfer these programs on to FDM, so
that they could be obugged into a FDM.

board for easy access? If this is possible, what is the biggest program ROM could hold, and how much would ROM board and the items to transfer.

programs, cool?"
Well the bad news, Adam, is that apposable to basisfer the programs of escribe to ROM. Programs for use or ROM have to be specially written versions, since they use different and

RDM have to be specially written agrigors, since they use different areas of the machine's memory. You could be in luck with CPJM though; since Carduate Software hop developed a no of transfering it to RDM. You need to send your CPJM inspets disk and a chears for 224-56, though CPJM in Chears for 224-56, though CPJM in the country of the control of cont



in also get the word processing opporer Protect or RDM too, and that's mode 0 graphics, although colorable for LZS from Arrive Ltd. 611 blocky and confusing, so that a

program Proteit on PUM 18st, a visibile for IZS from: Amer L Lincele Road, Peterborough PE You can get 16K on a sing chip, bet larger programs can I accommodated simply by switt legiveen ROMs, RCM boxes co

the same time as you're b ROM i'll only cost you 621

YOURRR OUT:
POF stands for Team Bathed Inf, and it's
the name of Doman's new baseall
simulator. Those is look at the program
on a Seccy (said a couple of weeks,
ago, and it looked perify good = I was
nather looking forward to the Amstead

de ROM been lost.

But what about the gameplay?

before you can actually lay but to but at around you have to churtee through some reports of tedous options screens. Those out.

of the way, you get to pick you first bit fee way, you get to pick you first bit Modering to it — prices Fire and then quickly move the tribbs carcering to what kind of spin you want to put on it bid. After that it has to the builder ... display changes if he his the build ... in you see your felders childings of short the field in pursuit of it.

If you matters are award council. simply, a mother of himing your sholds in hail desert in theset bords. So it's e difficult. That's the brouble with ASS is all a bit one-sided. Refiling in easy of perhaps the properties of perhaps e colour ful, but just too blocks, and e sound in ordining to write home once IR of a desaporiement this one ice is £10.99 cassette, £14.99 disk

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excellent budget game Scoolly Doo and Scrappy Doo. You can get infinite lives by getting to the options screen and then pressing the keps P. L. O. N. C and of conditionable. The hornfer intentif

figsh to show you had it's worked.
Megawhile, Gosbara Smith from
Street has a poke for Prison Flort which
gives you strength, time and longs.
1 " Frison Riot-By Crabbas Smith
2 " Infinite strength, time and

10 0010 24,09,00,22,00,00,21,61 20 0010 30,22,09,00,09,05,05,00,00 30 0010 32,04,06,30,50,32,07,00 40 0010 87,02,16,11,32,70,31,01 50 0010 67,47,01,65,21,66,60,21 60 0010 50,81,01,01

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usery or in and seed and as such are unsatilable for the work. In this naive form, solder doesn't flow and take we well and needs a catalytic agent to help this. The catalytic used in a powder known as flux because of in proportion with regard to helping things to flow. A plumber might dip his bar of solder in a car in tax, provider before supplying it for big lot. This may be fax provider before supplying it for big lot. This may be

A purmon regirt op rei bair of sider in a com i ko powder beldene septings it in he job. This may b into for large jobs but work around a printed sictle solard where the components are less than a military port wouldn't be possible with this. Electronics and hobby shops sell at large array of Riferent ordisks and stars of noticer most of which as



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work than you'll read to hitnest, firest soider. The will be less vasified and less manual than historic solder but will need a more careful touch. Most segular solde seets pick three guides. One small spool of the fines solder, a Starp sopic of the most starr up and a small spool of solder about 15mm thick for larger jobs and when working on mains equipment that has larger area to cover.

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or the job will make electronics work easier and the sisults more professional looking. Nothing looks worse nen a job that is finished off with mountains and blobs if solder and components blued by being touched by a

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YOU SHAN'T GO TO
at Is there any truth in the name

Station apperently left that is would be a good idea. The rise that be thought otherwise, i relief to know that the in had absolutely nothing to di nonality clash between Stadds nonality clash between Stadds



Due to further expansion of our Sheffield offices, a number of vacancies have now arisen.

PRODUCER

If you have the ability to manage a game from conception through to completion, then this vacaney could saily you ideally you will have an understanding of programming, a sound knowledge of game structure and the ability to communicate with individuals and teams of programmers. Salary and benefits will be commensurate to experience. A current full driving licence is essential. Help will be given should the successful apolicant need to re-locate.

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PC SURVIVAL KIT

PRODUCT: PC Crash Course and Survival Guide and PC COMPATIBILITY: IBM PC, XT, AT FROM-PC Productions Ltd CONTACT: 0453 755200

reading than the majority of PC manuals. But as

make useful reading for people who have been using

ZEN AND THE ART OF PC MAINTENANCE

If the thought of DOS prompts and 386 processors give you a headache, then PC Crash Course could be the remedy. Dave Golder investigates a possible cure for PC-phobics

INITIATION FOR THE MOVICE

this, though it is vague on some rather major points. ested in doing too they can play a flight sim, or

> One of the main pleasures of the books is the way in which they casually demystify some apparently quite daunting concepts

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step into more serious computing, they are ideal .

WHAT'S ALL DISK, THEN?

ARE THEY WORTH READING?

- Very clearly and simply written but packed with Nandy summeries at the end of chapters and
- Useful coordises which help develop the themes
- AGAINST The disk supplied with The PC Crash Course and Both books would benefit from more photographs

The PC Cresh Course and Survival Guide \$17.55

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Stuart 'Scorer' Campbell sticks up his points card and gives those games a

STAR RATINGS

u Denis Leary

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* Making S hits look like 16, 17)

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with the money instead, . . .

• I'm fored with I soon II, so have's a picture of a good gome instead

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OUTPUT MADE PERFECT?

For serious desktop publishing output, a Postscript laser printer is now almost a necessity. Tim Howell puts the Epson EPL-7500 to the test see if it's got what it takes

PRODUCT:Epson EPL-7500 Postscript laser printer COMPATIBILITY: Amiga, Atari ST, PC, Macintosh SUPPLIER: Epson

over their dot matrix models, make up for this by whiring excellent print quality. However, for sercould dealer publishing, por really reside a lisser printer that is Proticript compatible. Producing it is a language which have documents into a discontigent or what the final printed page should look like, which is then converted by the prefet for empresed output. Exponsis ERT-7800 is a Protitoript compatible laser.

private. As well as Postscript, the EPL/200 is also capable of enulating the Hewlett Packard Lascript 11, which is very useful as not all applications output Postscript files.

Epson claims the machine is capable of printing

Epon claims the machine in capable of printing A-sized pages at a speed of six pages per minute (ppm) and we found nothing to signute this, its massmen resolution is 300 deep per inch (ppi). While these features are notatively common these days, the Postocept capability on its come is weeth looking at.

> SETTING UP parison with many other laser printers the Ep Holly unusual. It is longer in width than lee

reatural footpeet.

The printer can be hooked up by either its serial, pataller or Applicate, ports. The Arriga and \$7, like most reactions, use the parallel port to transfer data to this printer. Apple Macintorius weed also be able to use the bell in Applicate testore. Two computers can be connected to 15 to printer at once, so long as the

POSTSCRIPT SOFTWAR

ATARIST
Papretvery 2.1 (out soon) Sazon Publisher (see ST



pared with other printers, but does its size correspond with the number of focuses is offers?

software to use the printer's own characteristics. Am and ST owners who want to use the printer can use Department and HP Lose(et it omnistices, Most applications of the HP Lase(et it of the HP Lase(et it)).

IN CONTROL

fings. Arrow leays on the printer's control panel sw botheam different options, such as the interface printer is being controlled from how fast it's common calling with the computer and by what method the pa

cuting with the computer and by what method the pais being led.

Once the control panel is learnt, the printers is fings are easy to change. There are two different masolections to work from, which access other singight

ward rub-menus. The LCO screen is informative an spells out problems when they arise. However, solving those problems is another motive While nothing drastically arong happened during the service period, the problem section in the manual ion.

process is that they need a lot of memory to above an unbescencing higher page information. This simil page out with the Epison as it comes with 200s as standa which is about the minimum usable amount for dealed solutioning. Postopoly printers with less memory can sit work, but it would take a lost longer for the page(s) to be at pand printers.

The imaging caltridge the Epson uses is supposed to last for 6,000 pages, which, Epson estimates, is about six months. Replacement cartridges cost £119.

PUT OUT BY SOME OUTPUT

. From birds of prey to trains, thes

are a few examples of what Epoca's body is capable of in Pastsories made

(XXX dail did not come out too well — the graphic toolkel grage. That went't very wall derive on the toolkel graphic that went't very wall derive on the respecially when taking risk account how long it tools to process. If mean the soil it found, if you are possible to the process if mean the soil it found in your deep a Producing I saw printer them. Labergist enabled in work only to a secondary consideration — it's just not it know it is these.

only be a secondary consideration — it's just need to know it these. However, in Postscript mode the output looker much before and printed considerably layers. This issutiones the salety of both the page language and the printer. Postociet files are sent to the printer in bursts of

after, Even tiles of over 2004 took just over two minute to send, process and priest. In compassion to other Postacest primiting his is quite impression.

For test output, these are 35 standard Pressure, For test output, these are 35 standard Pressure, For test output, these are 35 standard Pressure, For test output, Thesi she sharked number supported by Postacrist printers. Other firsts can be downloade by POstacrist printers. Other firsts can be downloade by POstacrist printers.

PAGE BREAKING OFF

Epochi EPL-1500 in a good printer for Postionizer prefixing. It is that and the print quality is very good. In taking it is not quality and good, but in a Postionizer printer this feature would be useful to have, and prefixing this feature would be useful to have, and prefixing the profit services that one of the printer printer. This debte cost can be explained by the Postionopt feature when has to be illumined from Addition. However, in terms of control quality the desire opening and control quality the desire of control quality the desire opening and control quality that cost opening is controlled.

THE BOTTOM LINE

FOR

A Postscript compatibility

A Large amount of memor

A Fast in Postscript revote

AGAINST

** Large footprint

** Slow in Laserjet mode

** Paper feeding sometimes as

PRICE: £1,999

3 August 1991 • New Computer Express • 53







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DISKS - BY RETURN OF POST!

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orders or credit

are available





PRODUCT: CDTV FROM COST-

MACHINE: Interactive Multimedia Machine Commodore UK CONTACT: High Street consumer electronic retailers

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GET INTERACTIVE

HOME TRIAL

the NGAM boxes, satellite decoders and video

Using CDTV with a regular TV takes the sound to

3 August 1991 . New Computer Express . 55

WHAT THE PEOPLE SAY We set the COTY up as part of the normal fixing no netatimment system to get the reaction of the neicors, John, 48, whose hobbies are video and cover nd is currently unemployed, was impressed. He set!

bours, John, 48, whose hobbies are video and cowboy and is currently unemployed, was impressed. He settle back on the sottce and casually cost his eye over the CDTV remote control. "Just like the video," he said. The encycloped

"Just like the vides," he said. The encyclopeda impressed him and he soon came to gipps with the idea of music and pictures to complement the words. A snatch of classical music in the entry for a composer brought a gleam of recognition: "That's an advert on the

We disagged John sway from the CDTV for long enough to let his sons Stew and Mike get to grips with Lemnings and a couple of the Interactive adventure games. Control of a game can be passed from player to super with the finite-set render control. Although not a very sendiginaries projection, the nember control was accounts and forth enough to thew autors the bosons.

MORE THAN A FANCY TELEVISION It took a long while to persuade the boys to go home

to evaluate the educational separation of the machine. Held seen in advertised in the Burdey appears but aemisted to confusion. The advertised on the Burdey appears but it is good and state-of-the-set but they don't actually say what it is." In research, a cough of hours weeking through the educational tities confirmed that it would be worth and of the second of

television," he said.

We plugged in a disk shive, added a keyboard borment from an Anna RODD and he went away.

KARAOKE PARTY ian Paul Dobie thought that the

Massian Paul Dobe thought that the CDIV's MDI. ports were a good dea. The thing platfor made the Assi \$T oppular amongst the muze is the MDI. This machine blows Asan's offering into a corner. I'll take some well to make the sequencers as good as those available on the other machines, but the huge CD drive more than makes up for it," he says in the sequence that the part of the interest of the control of the more than makes up for it." he says the takes the control of the control of the more than makes up for it." he says the properties of the control of control

ICQ000 songs you could have as MEUT nes on a CUyou could load say a 40 minute set into that. As you envired at a gig, you could decide on what's appropriate for the audience and build a set on site."

Was mortant to the Korankie rises and you was in

business. Paul plays a hotel gig on a Saturday night and between his sets normally puts on a tapa. The DDTY, a cought of Karatek discs card a grofessional gound system had the 200 plus audience singing along. The CDTY plagaged into the hotels TV network and it only there'd been a few more Karacke discs...

since value discipling conversation store in the second conversation when shown in a Amiga capabilities, not was surprised. The overall impression value that COTV a good like, and so good like, a fin to use, easy to set up and starts a reas an ideal complement to a TV and video set up. I simple user impresse and monitor control impant that was contributable to use from any where in the soon.

There are a coopie of discent strong titles, a district one good and the control impant to the control impant to the control impant to the control impant to the control impant that the control impant to the control impant that the control impant that the control impant the control impant to the control impant that the control impant the

or so questionages ones and a miner illustration or with anhurer that will run on it. If the developers soft while it. CDTV, will be an enormous secoess. The only other possible home multimedia machine in the finance is the Philips CDV. The illustrich of which is a year away, and the ansoipated price will be twice that of a CDTV. III

IS IT A BIRD? IS IT A PLANE? NO, IT'S CDTV

TITLES look at titles designed for CDI

is a vast array of existing ODs that will run on the Cl Any conventional audio OD or CD with video will run The titles that are ODTV specific fall into two groups. There are those based on existing Amiga

Here are some of the first CDTV to

The Hutchies



help, and information. The option of sound and viwith the description gives an encyclopedia with t ability to create a complete descriptive archive.

Indexective story for young children. The computer graphics combine with a story told by former Doctor Who, Tem Beker

former Dector Who, Tem Buser and enables the child to join in a decision-making process. The story outninates in the making of lead carrant burs and there's even a reci

for making them.

A Sue for Samey is an educational title for children aged three to six.

The bloodstained cover of

Payerte Killer premises a bloodbath of gay with anthrainme which it talls to deliver. The id is that you wander through a virtual world of video shall will be a virtual world of video a virtual world of video a virtual world of video as the video to bring the vitalian.

interface make it an infuriating task. This is a pity because, this is the sort of puzzle solving that coul make much better use of CDTV's features.

With more attention to making and office. this

With more attention to qualify and detail, this intreastive adventuring could become a cuit on COTV

Sim City needs no introduction as it is sheedy

playability from the vest amou of class that can be stored on a CD and the infra-red remote control makes it simple to play from the amenials.

computer buff's Christmas present fluirs in this mattereds title. It is a collection of the first 400 are of Find class for the Angle, These represent is hoge collection of Public Christia buffware raining in submitted of registryles buff they are first and formation computer titles. A list of them need is UNETIFV hypother to run and although it is said for bother on large programs in one file gracelage, someone burjes (Christian a consumer interferiories product with the authorities of a consumer interferiories product with the authorities of the consumer interferiories product with the authorities of the authorities and the consumer and the consumer titles of a consumer interferiories product with the authorities and the consumer titles of the con CO Remix (DJ in a bex). This is editing title that lets you edit, cut an and anippets from audio CDs to pro-

tices. The instructions take you through the features or CD Remit, showing you how to cut, edit and remit our CD. If you're looky (?) enough to own a copy of ladorea's Ammaculate Collection, there's a demo whi hows you the power of interactive mixing.

19th study of the female form by Eadweard Maybridge, it is a collection of early photographic

I lides going through the pass of such mandane as waiting, climbing and viving water all over each other. It is cost as Art and are contentionment for adults but is more of a surviving

issure ordertainment for adults but is more of a surfacility an a vision of Victorian erotics.

© Other interactive titles available
localists Whath of the Demon

Other interactive titles available include Whath of the Demon, badged as entertainment, Housel of the Saskervilles which casts.

Exertook remes and

Lemmings, the influiding

cutory puzzle game that has

taken all of the major computer

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3 cleos with
If as accord,
DTV over, we
Kanacke discs

n a couple of Karacke discs
it and were impressed
ough to take it along to a rigg
ough to take it along to a rigg
Abschlesos and Lemmings come in the

ugh companies distributing COTV.
Titles vary in price from around £15 to upwards
for some of the heavyweight serious titles.

ACCESSORIES

The accessores due for CDT area keyboard, Infrance invose (called hamsier bocasse there's no Self,
joyescas, tracker bats, disk drives and other



COMPETITION At present COTV is the only player in the field. Philips is standing in the wings with the CO-I system which has a more comprehensive specification than COTV, but it is a

year away and more expensive.

Commodore plans a CO-PIOM drive for the Ansign which may in itself prove to be a competitor for COTV.



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